

## WHAT IS CLAIMED IS

1. An arm wear type communication device, comprising:  
a communication device body for transmitting and receiving  
a signal;

a wear body which is pivotally fixed to the communication device  
body in order to be worn to an arm;

a sound unit which is provided in the wear body; and

an antenna which is located between the sound unit and the  
communication device body and which is provided in the wear body.

2. An arm wear type communication device according to claim  
1, wherein the plurality of the wear bodies are disposed in the  
positions facing the communication device body, and the  
communication device body is adapted to compare the reception states  
of signals which are respectively obtained from the plurality of  
the antennas provided in the plurality of the wear bodies,  
respectively.

3. An arm wear type communication device according to claim  
1, wherein the wear body has a curved part having a curvature which  
is smaller than a curvature of a part of the physical body when  
a part of the wear body is held to the part of the physical body,  
and the antenna is provided in the curved part.

4. An arm wear type communication device according to claim  
2, wherein the wear body has a curved part having a curvature which  
is smaller than a curvature of a part of the physical body when

a part of the wear body is held to the part of the physical body, and the antenna is provided in the curved part.

5. An armwear type communication device according to claim 1, wherein the antenna is formed in such a way that a pattern made of a conductor foil is formed on the surface of a material which is obtained by mixing a resin with a high dielectric material so as to become a chip shape.

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6. An armwear type communication device according to claim 2, wherein the antenna is formed in such a way that a pattern made of a conductor foil is formed on the surface of a material which is obtained by mixing a resin with a high dielectric material so as to become a chip shape.

7. An armwear type communication device according to claim 3, wherein the antenna is formed in such a way that a pattern made of a conductor foil is formed on the surface of a material which is obtained by mixing a resin with a high dielectric material so as to become a chip shape.

8. A high dielectric chip antenna, comprising:

a conductor foil which is provided on the surface of a chip-shaped material which is obtained by mixing a resin with a high dielectric material; and

a pattern which is formed on the surface on the conductor foil.

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A2